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Quantitative analysis of colistin A and colistin B in plasma and culture medium using a simple precipitation step followed by LC/MS/MS

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#	Paper	IF	Citations
87	Brain penetration of colistin in mice assessed by a novel high-performance liquid chromatographic technique. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 4247-51	5.9	31
86	Current literature in mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2009 , 44, 1402-1413	2.2	
85	Population pharmacokinetic analysis of colistin methanesulfonate and colistin after intravenous administration in critically ill patients with infections caused by gram-negative bacteria. <i>Antimicrobial Agents and Chemotherapy</i> , 2009 , 53, 3430-6	5.9	396
84	Multidrug-resistant Gram-negative infections: what are the treatment options?. <i>Drugs</i> , 2009 , 69, 1879-90	11.1	203
83	LC-MS/MS method development and validation for the determination of polymyxins and vancomycin in rat plasma. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2010 , 878, 2831-8	3.2	52
82	Serum and cerebrospinal fluid levels of colistin in pediatric patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 3985-7	5.9	55
81	Assay of colistin and colistin methanesulfonate in plasma and urine by liquid chromatography-tandem mass spectrometry. <i>Antimicrobial Agents and Chemotherapy</i> , 2010 , 54, 1941-8	5.9	107
80	Dose-ranging pharmacokinetics of colistin methanesulphonate (CMS) and colistin in rats following single intravenous CMS doses. <i>Journal of Antimicrobial Chemotherapy</i> , 2010 , 65, 1753-8	5.1	37
79	Population pharmacokinetics of colistin methanesulfonate and formed colistin in critically ill patients from a multicenter study provide dosing suggestions for various categories of patients. <i>Antimicrobial Agents and Chemotherapy</i> , 2011 , 55, 3284-94	5.9	549
78	Thyrotropin receptor and membrane interactions in FRTL-5 thyroid cell strain in microgravity. <i>Astrobiology</i> , 2011 , 11, 57-64	3.7	19
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71	Therapeutic drug monitoring and LC-MS/MS. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 883-884, 33-49	3.2	97

70	Analysis of colistin A and B in fishery products by ultra performance liquid chromatography with positive electrospray ionization tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012 , 899, 14-20	3.2	32
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68	Colistin pharmacokinetics: the fog is lifting. <i>Clinical Microbiology and Infection</i> , 2012 , 18, 30-9	9.5	78
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66	Simultaneous quantification of antimicrobial agents for multidrug-resistant bacterial infections in human plasma by ultra-high-pressure liquid chromatography-tandem mass spectrometry. <i>Talanta</i> , 2013 , 116, 593-603	6.2	57
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